

PATENT ABSTRACTS OF JAPAN

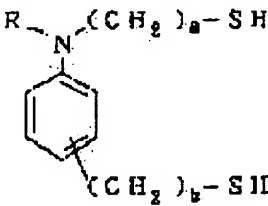
(11)Publication number : 11-124351
(43)Date of publication of application : 11.05.1999

(51)Int.Cl. C07C 37/20
B01J 31/10
C07C 39/16
// C07B 61/00

(21)Application number : 09-288276 (71)Applicant : MITSUBISHI CHEMICAL CORP
(22)Date of filing : 21.10.1997 (72)Inventor : WATANABE MICH
SUMIYA NAOKO
KUJIRA KATSUFUMI
IWANE HIROSHI

(54) ION EXCHANGE RESIN AND PRODUCTION OF BISPHENOLS USING THE SAME RESIN

(57)Abstract:
PROBLEM TO BE SOLVED: To obtain a modified strongly acidic sulfonic acid type ion exchange resin which is a catalyst suitable for production of bisphenols by reaction of phenols with ketones by binding a specific mercaptoamine compound to a specific resin through an ion.
SOLUTION: (B) A mercaptoamine compound of the formula [R is H, a 1-4C alkyl, a 5-10C cycloalkyl or a 6-15C aryl; (a) and (b) are each 1-3] in an amount of 2-30 mol.% based on total sulfonic acid group of the component A is bound to (A) a strongly acidic sulfonic acid type ion exchange resin through an ion to provide the objective resin. The component B is an N-mercaptoalkylaniline (derivative) having mercaptoalkyl group represented by the formula. A resin having a skeleton comprising a styrene-divinylbenzene copolymer and a sulfonic acid group bonded thereto is preferably used as the component A.



LEGAL STATUS

[Date of request for examination] 15.11.2002
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office